

ABSTRACT

The invention relates to a welding torch device (7) of a welding robot (1), which is provided for electric arc welding, in particular MIG welding or MAG welding. The aim of the invention is to relieve the supply lines during rotational movement and to advantageously adapt them to the welding robot. Said type of welding robot, generally comprises a robot arm (3) whereon a connection flange (6) is fixed thereto and can rotate in relation to the robot arm. The welding torch device comprises a fixing device and a receiving device. A connection for a welding power cable (18) can be electrically connected to a welding power source on the robot side of the welding torch device. The welding torch device also comprises a current transfer device via which the welding power cable can be electrically connected to a welding torch side of the welding torch device. The current transfer device comprises a stator which is rotationally fixed to the arrangement in relation to the robot arm, however, it can rotate in relation to the connection flange (6) of the welding robot. The stator comprises a leadthrough, through which at least one welding medium required for the welding process, can be guided in the direction of the receiving device. According to the invention, the securing device (9) of the rotor, which is embodied for attaching the connection device of the robot, is configured and mounted on the connection device of the robot such that a rotational axis of the rotor is at least essentially aligned in relation to the rotational axis (8) of the connection device of the robot and can be rotated about said rotational axis.